The following catalog has gaps in its page numbers, or doesn't have any numbers. We have chosen to leave the page numbering in the order that Acrobat assigns it.



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GenSet

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RV Electric Generating Set

GENERAL INFORMATION

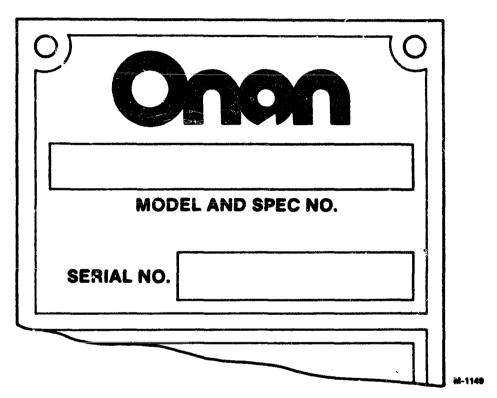
INSTRUCTIONS FOR ORDERING REPAIR PARTS

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit.

1. Always give the MODEL, SPEC NO. and SERIAL NO.



For handy reference, insert "YOUR" nameplate information in the spaces above.

- 2. Do not order by reference number; always use part number and description.
- 3. Give the part number, description and quantity needed of each item. If an older part cannot be identified, return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
- 4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extrajeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN."

PARTS CATALOG

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INTRODUCTION

This catalog applies to the standard Recreational Vehicle Generator Sets as listed below. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the *Model* and *Spec No.* from the nameplate, select parts from this catalog that apply to your set. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left sides are determined by facing the engine end (front) of the set.

DATA TABLE

MODEL AND SPEC NO.	TYPE	WATTS	VOLTS	HERTZ	WIRE	PHASE
3.0 BF-53CR/*	Remote	3000	120/240	50	4**	1
4.0 BF-3CR/*	Remote	4000	120/240	60	4**	

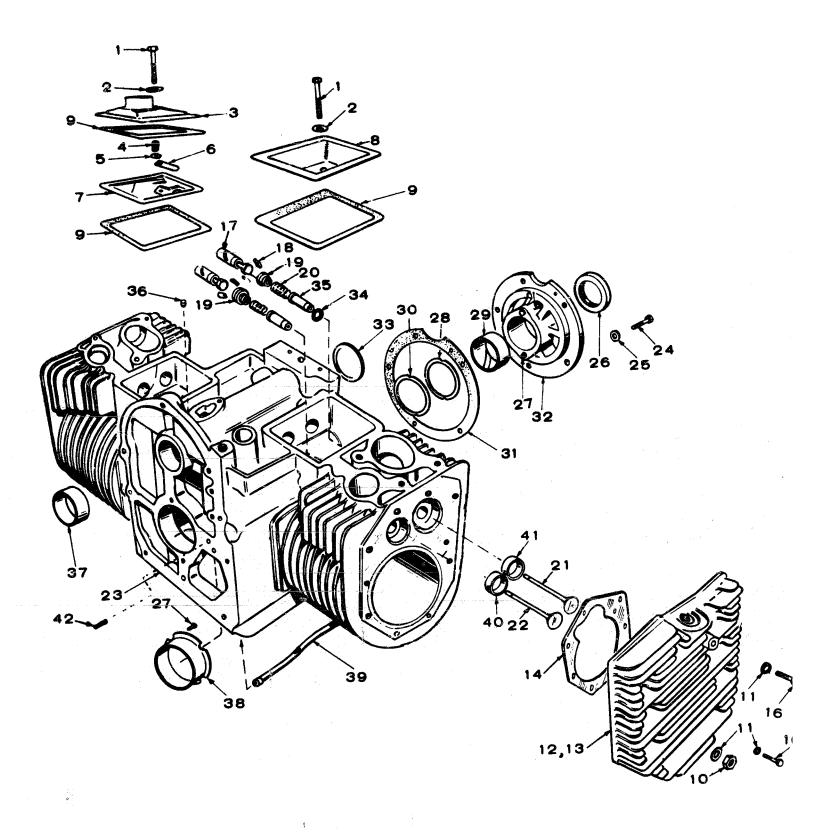
* - The Specification Letter advances (A to B, B to C, etc.) with manufacturing changes.

** - Set is reconnectible for 120 volt, 2 wire; 240 volt, 2 wire; or 120/240 volt, 3 wire service.

NOTICE!

ITEMS REFERENCED AS OPTIONAL INDICATE PART IS FACTORY INSTALLED AND MAY NOT BE APPLICABLE TO ALL MODELS. FOR FIELD CONVERSIONS ADDITIONAL PARTS ARE USUALLY REQUIRED.

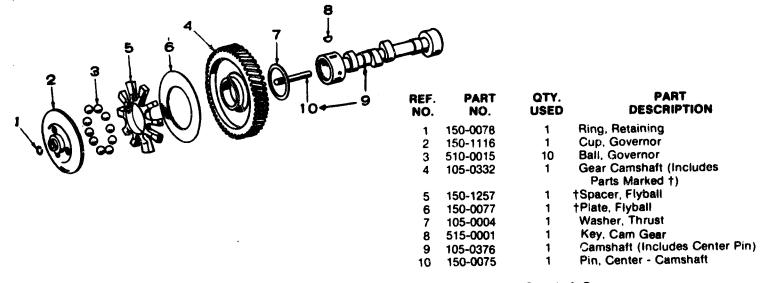
CYLINDER BLOCK



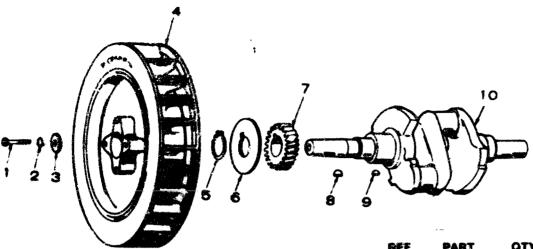
CYLINDER BLOCK

REF.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
. 1	800-0010	2	Screw, Cap - Hex Head	29	REARING SI	EEVE C	RANKSHAFT, REAR
ł			'1/4-20 x 1-3/4")	1	(Includes The		
2	526-0063	2	Washer, Flat - Copper		101-0450		†Standard
l .			(1/4")	à	101-0450-02	1	002 Undersize
3	110-2274	1	Cover, Valve - With	•	101-0450-10	i	.010" Undersize
			Breather Port		101-0450-20	1	.020" Undersize
4	123-1174	1	Spring, Breather Valve		101-0450-30	i	.030" Undersize
5	526-0018	1	Washer, Flet (17/64" I.D.	30	104-0575	=	*Washer, Thrust
•			x 5/8" O.D. x 1/16" Thk)	31	101-0415		†Gasket, Bearing Plate
6	123-1175	1	Reed, Breather Valve	32	101-0439		†Plate. Bearing - Rear
7	123-1173	1	Baffle, Breather Valve	33	517-0043		†Plug, Expansion - Welch
8	110-1879	1	Cover, Valve	34	110-0068		†Gasket - Intake Valve Guide
9	110-1921	3	Gasket, Valve Cover	35	110-1935	_	†Guide, Valve
10	110-0445	18	Nut, Hex - Hardened (5/16-24)	36	517-0120	=	†Plug. Vacuum
			Used on early Spec A Models	50	317-0120	,	Tube Port
11	526-0122	18	Washer, Flat (11/32" ID x	37	101-0405	2	†Bearing, Sleeve - Camshaft
			23/32" OD x 0.1345" Thk)	38			RANKSHAFT, FRONT
12	110-1924	1	Head, Cylinder - Right Side	04	101-0432	1	†Standard
13	110-1925	1	Head, Cylinder - Left Side		101-0432-02	1	.002" Undersize
14	110-1920	2	Gasket, Head		101-0432-10	i	.010" Undersize
16	SCREW, CAP		· · · · ·		101-0432-20	i	.020" Undersize
,0	800-0540	12	5/16-18 x 1-5/8" - Grade 8		101-0432-30	i	.030" Undersize
	800-0541	6	5/16-18 x 2" - Grade 8	39	120-0706	1	†Tube, Oil - Crankcase
		-	3/10-16 X 2 - Grade 0			•	
17	TAPPET, VAI		Chan do ad	40	INSERT, VAL		
	115-0006	4	Standard .001" Oversize		110-0245	2	†Standard
	115-0006-01	4	.002" Oversize		110-0245-02		.002" Oversize
	115-0006-02	4			110-0245-05	_	.005" Oversize
	115-0006-05	4	.005" Oversize		110-0245-10		.010" Oversize
18	110-0639	8 4	Lock, Valve Spring		110-0245-25		.025" Oversize
19	110-0904	•	Rotocap, Valve	41	INSERT, VAI		
20	110-0539	4	Spring, Valve		110-0197	2	†Standard
21	110-1808	2 2	Valve, Intake		110-0197-02		.002" Oversize
22	110-1809		Valve, Exhaust Block Assembly, Cylinder		110-0197-05		.005" Oversize
23	110-2354	1	(Includes Parts Marked †)		110-0197-10		.010" Oversize
•	000 0054		†Screw, Cap - Hex Head		110-0197-25		.025" Oversize
24	800-0051	5	(3/8-16 x 1-1/4")	42	51 6 -0141	2	tPin, Hear Cover Alignment
25	850-0050	5	†Washer, Lock - Spring (3/8)		lastindad in 6	^limaln= P	inal Assaults
25 26	509-0041	1	†Seal, Oil - Crankshaft, Rear	т	- included in C	yıınder B	lock Assembly.
2 0 27	516-0072	4	†Pin, Drive - Bearing Stop	•	- Flanged bea	ring replac	ces thrust washer and the
41	310-0012	-	. †Shim (.005") Crankshaft		unflanged fr		

CAMSHAFT

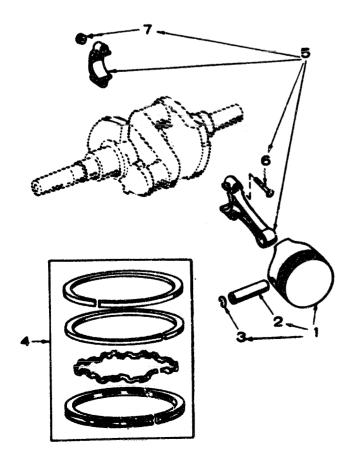


CRANKSHAFT AND FLYWHEEL



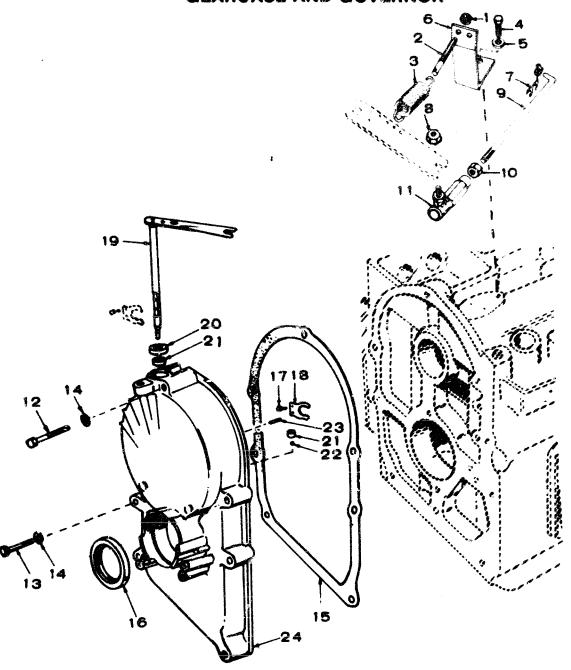
REF. NO.	PART NO.	PART DESCRIPTION	
1	104-0170	1	Screw, Cap - Hex Head. Heat Treated (7/16-14 x 4")
2	850-0055	1	Washer, Lock - Spring (7/16)
3	526-0017	1	Washer, Flat (15/32" I.D. x 1-1/4" O.D. x 1/4" Thk)
4	134-3204	1	Flywheel
5	518-0014	1	Ring, Retaining
6	104-0043	1	Washer, Gear
7	104-0032	1	Gear, Crankshaft
8	515-0227	1	Kit, Flywheel
9	515-0001	1	Key, Crankshaft Gear
10	104-0895	1	Crankshaft

PISTON AND ROD



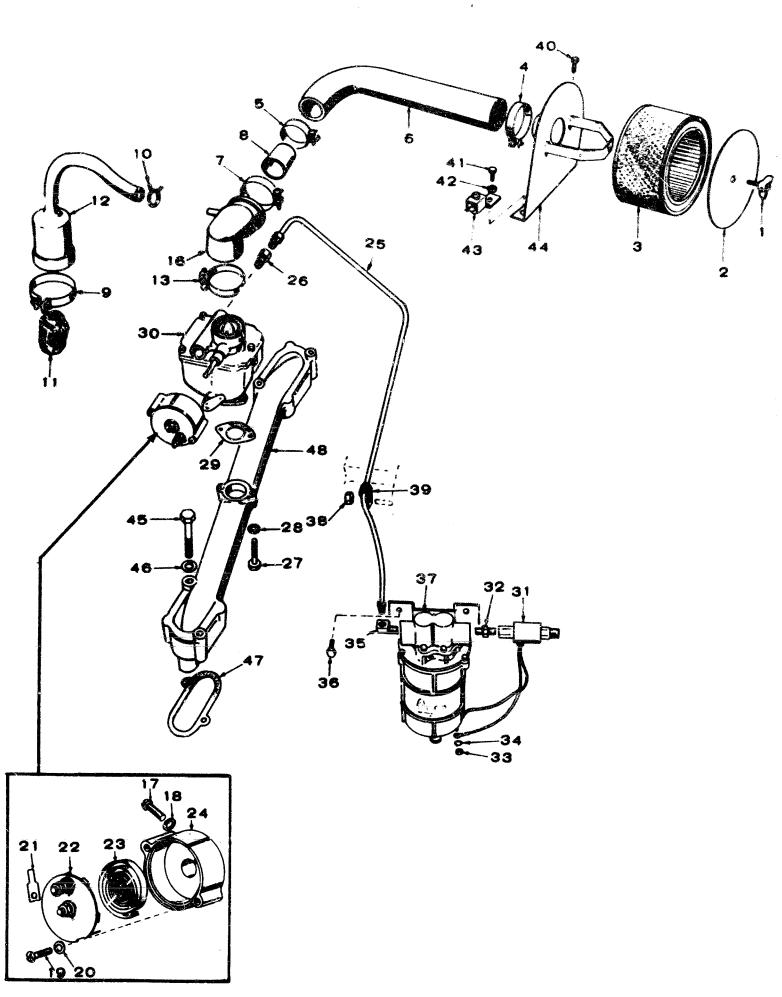
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PISTON (Incli	udes Pin l	& Retaining Rings)
	112-0134	2	Standard
	112-0134-05	2	.005" Oversize
	112-0134-10	2	.010" Oversize
	112-0134-20	2	.020" Oversize
	112-0134-30	2	.030" Oversize
	112-0134-40	2	.040" Oversize
2	112-0122	2	Pin, Piston
3	518-0311	4	Ring, Retaining
4	RING SET, PI	STON	
	113-0174	2	Standard
	113-0174-05	2	.005" Oversize
	113-0174-10	2	.010" Oversize
	113-0174-20	2	.020" Oversize
	113-0174-30	2	.030" Oversize
	113-0174-40	2	.040" Oversize
5	ROD, CONNE	CTING (I	includes Bolt and Nut)
	114-0225	2	Standard
	114-0225-10	2	.010" Undersize
	114-0225-20	2	.020" Undersize
	114-0225-30	2	.030" Undersize
6	114-0228	4	Bolt, Special - Connecting Rod
7	870-0137	4	Nut, Self-locking - Hex (5/16-24)

GEARCASE AND GOVERNOR



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF.	PART NO.	QTY. USED	PART DESCRIPTION
1	870-0131	1 .	Nut, Self-Locking (1/4-20)	13	800-0032	4	Screw, Cap - Hex Head
2	150-0796	1	Stud, Speed Adjustment				(5/10-18 x 1-3/4")
3	150-0098	1	Spring, Governor	14	526-0065	5	Washer, Flat - Copper (5/16)
4	800-0004	2	Screw, Cap - Hex Head	15	103-0408	1	Gasket, Gearcase
			(1/4-20 x 5/8")	16	509-0640	1	· Seal, Oil
5	526-0063	2	Washer, Flat - Copper (1/4)	17	815-0046	2	· Screw, Machine - Pan Head
6	150-0159	1	Bracket, Governor				(#8-32 x 3/8")
٠ 7	518-0006	1	Clip, Retaining - Rod End	. 18	150-1187	1	Yoke, Governor
8	870-0131	1	Nut, Self-Locking (1/4-20)	19	150-1542	1	· Arm and Shaft Assembly -
9	150-0629	1	Rod - Governor Arm to				Governor
			Carburetor	20	509-0008	1	· Seal, Oil
10	870-0053	1	Nut. Hex (#10-32)	21	510-0013	2	· Bearing, Needle
11	150-0639	1	Ball Joint	22	510-0014	1	- Ball, Bearing
12	800-0034	1	Screw, Cap - Hex Head	. 23	516-0130	1	· Pin, Straight, Headless
			(5/16-18 × 2-1/4")	24	103-0519	1	Cover Assembly, Gear (Includes Parts Marked *)

FUEL SYSTEM



FUEL SYSTEM

REF.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	518-0056	1	Screw. Wing (#10-32 x 1/2")	27	800-0023	2	Screw, Cap - Hex Head
2	140-1153	1	Cover, Air Cleaner				(1/4-20 x 1-3/8")
3	140-0495	1	Cartridge, Air Cleaner	28	850-0040	2	Washer, Lock - Spring (1/4)
4	503-0004	1	Clamp, Hose	29	141-0078	1	Gasket - Carburetor to
5	503-0311	1	Clamp, Hose				Manifold
. 6	503-0643	1	Hose (Preformed) - Air Cleaner	30	142-0575	1	Carburetor Gasoline
7	503-0280	1	Clamp, Hose	31	307-1457	1	Valve, Solenoid - Full Cutoff
8	140-0211	1	Sleeve, Air Cleaner Hose	32	502-0082	1	Nipole, Pipe - Hex
9	503-0107	1	Clamp, Hose	33	860-0008	1	Nut. Hex /#8-32)
10	518-0358	1	Clamp, Hose	34	850-0025	Ž.	Washer, Lock - Spring (#5)
11	123-0865	1	Filler, Sreather Hose	35	502-0002	1	Elbow, Pipe
. 12	123-1288 503-0107	î 1	Tube, Breather (Preformed) Clamp, Tube	36	821-0009	2	Screw, Self-Locking - Hex Wisher Head (1/4-20 x 3/8")
•				37	149-1553	3	£Pump, Fisel (Facet)
				38	862-0015	1	Nut. Hex (5/16-18)
				39	518-0350	1	Clamp, Loop - Insulated
16	145-0489	1	Adepter, Inlet - Carburetor Air	40	821-0009	1	Screw, Self-Locking - Hex
17	815-0110	Ť	Scraw, Machine - Filister Head				Washer Head (1/4-20 x 3/8")
		4	(#10-32 x 7/8)	41	821-0010	1	Screw, Self-Locking - Hex
18	850-0030	1	Washer, Lock - Spring (#10)				Washer Head (1/4-20 x 1/2")
19	815-0285	2	Screw, Machine - Round Head with External Tooth Lockwasher	42	856-0006	1	Washer, Lock - External/Internal Tooth (1/4)
			(#8-32 x 5/16")	43	332-0142	1	Terminal, Lug - Ground
20	526-0062	2	Washer, Flat - Brass (0.2" I.D.	44	140-1173	1	Bracket, Air Cleaner
21	332-0527	1	x 1/2" O.D. x 1/16" 7hk) Terminal, Lug	45	800-0034	4	Screw, Cap - Hex Head (5/16-18 x 2-1/4")
22	153-0114	1	Cover. Choke	46	850-0045	4	Washer, Lock - Spring (5-16)
23	153-0017	1	Element, Thermo - Choke	47	154-1446	2	Gasket - Intake Manifold
24	153-0058	1	Housing, Choke	23	154-1468	ī	Manifold Intake
25	149-1417	1	Line, Fuel			•	Production of the second
26	502-0003	Î	Reducer, Pipe	£ -	See Separate	e Group fo Naibro).	r Components of original

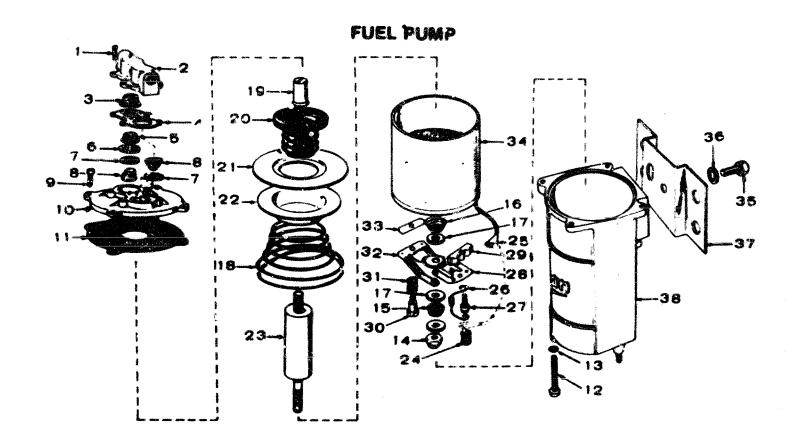
HOUSING

REF.		QTY.	PART DESCRIPITON
1	821-0006	4	Screw, Self-Locking - Hex Head (1/4-20 x 5/16")
2	134-3149	1	Scroll Assembly (Includes Guard)
3	815-0267	2	Screw, Tapping - Hex Washer Head (1/4-20 x 7/16")
4	134-3174	1	Backplate, Scroll
5	815-0261	4	Screw, Tapping - Hex Washer Head (1/4-20 x 7/16")
6	134-3127	1	Housing, Cylinder Air - LH
7 ;	134-3132	1	Housing, Cylinder Air - RH

CARBURETOR PARTS

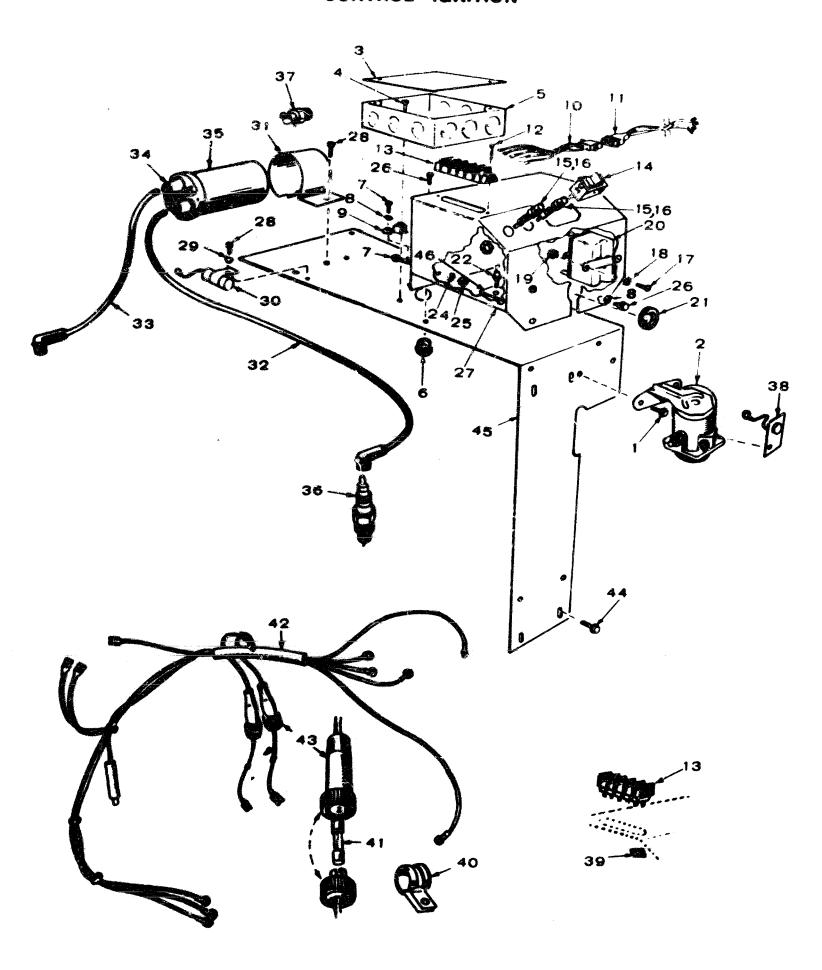
REF. NO.	PART NO.	OTY.	PART DESCRIPTION	
	142-0575	1	Carbasers Gasolina	
	142-0033	1	Kit, Gasket (Includes Parts Marked 1)	
	142-0371	1	Kit, Repair (Includes Parts Marked £)	10-117
1	813-0102	1	Screw, Machine - Round Head (#10-32 x 5/8")	6
2	661-0006	1	Nut. Square (#10-32)	17-13
3	145-0445	1	Lever, Stop - Throttle	
4	812-0065	•	Screw, Machine - Round Head (#8-32 x 5/8")	9 8
5	142-0035	1	Spring - Throttle Stop Adjusting Screw	12
6	615-0091	2	£Screw, Machine - Filister Head with Internal Tooth Lockwasher (#4-40 x 3/16")	16
7	142-0037	\$	Fty. Choke	∠ \$
8	142-0183	1	Sheft, Choke	14 < 7
9	505-0053	1	Plug. Pipe - Bress	
10	815-0103	1	Screw, Machine - Round Head (#10-24 x 1/2")	
11	815-0109	2	Screw, Machine - Round Head (#10-24 x 5/8")	
12	142-0039	1	£Sheft, Floet	
13	142-0036	1	Float & Lever Assembly	
14	142-0049	1	EValve & Seat Assembly	
15	148-0017	1	t£Gesket - Float Valve	
16	142-0031	1	#£Gasket - Cover to Body	16
17	142-0205	1	Cover, Carburetor	
18	142-0285	1	Nozzie, Mein	5 -19
19	142-0032	1	†£Gesket, Main Nozzle	
20	142-0040	1	ENeedle, Idle Adjusting	
21	142-0282	1	Spring - Idle Adjusting Needle	2 2 34
22	142-0042	1	Needle Assembly (Includes Parts Merked *)	577
23	516-0027	1	*Pin, Main Adjusting Needle	
24	142-0041	1	*£Nedle, Main Adjusting	3 20 21
25	142-0045	1	*Rotainer, Main Adjusting Needle	33 33 32
26	142-0206	1	*†£Packing Main Adjusting Needle	28—29 32
27	142-0046	1	*Retainer, Main Adjusting Needle	/ 27€
26	148-0017	1	†£Gesket - Needle Assembly	22 26-0
29	142-0370	1	Jet - Main Adjusting Needle	_ / 20 ¥
30	815-0072	2	CScrew, Machine - Ovel Head (#4-40 x 1/4")	25-6
31	142-03 6 0	1	Fly, Throttle	/
32	142-0368	1	£Shaft, Throttle	<u> </u>
33	142-0343	1	Bushing, Sieeve - Throttle Shaft	
34		1	Body, Carburetor (Not Sold Seperately)	

- * Included in Main Adjusting Needle Assembly #142-0042.
- † Included in Gasket Kit #142-0033. £ Included in Carburefor Repair Kit #142-0371.



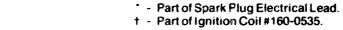
ref. No.	PART NO.	OTY. USED	PART DESCRIPTION				
NOTE:	These Fuel P	ump perts	are for the original				
			ero). For replacement pump	net.	PART	QTY.	PART
		Facet) pun	io is supplied.	MQ.	MO.	UNED	DESCRIPTION
	149-1553	1	Pump, Fuel - Replacement	MV.	MU.	ASEA	DESCRIP I POR
			(Facet)	21	2	1	Plate, Retaining, Bellows
1		4	Screw, Fillister Locking	22	£	1	Plate, Retaining, Spring
			Head, Cross-Recessed,	23	£	1	Armeture, Fuel Pump
			Steel (8-32 x 3/8")	24	£	1	Spring, Hetical, Compression
2	£	1	Vaive Cap, Pump				(Electrical Connection)
3	149-1397	1	Screen, Filter (7/8" Dis.)	25	£	1	Lug. Terminal (Coil Lead)
4	149-1399	1	Gasket, Cap to Housing,	26	£	1	Diode
			Valve	27	£	1	Screw, Special, Ryton
5	149-1398	1	Screen, Fifter (5/8" Die.)	28	£	1	Plate, Terminal, Point
6	£	. 1	Seat, Valve, Pump	29	£	1	insulator, Spacer
7	149-1400	2	Diec, Valve, Pump	30	·£	1	Screw, Binder Head,
8	£	2	Spring, Valve, Pump				Slotted, Shoulder, Brass
9	#	4	Screw, Fillister Locking				(8-32 x 15/16")
			Head, Cross-Recessed,	31	£	1	Spring, Helical, Compression
			Steel (8-32 x 3/8")				(Point Demper)
10	£	1	Housing, Valve, Pump	32	£	1	Plate Assembly, Breaker Point
F1	14 9 -1401†	1	Gasket, Valve Housing	33	£	1	Inhulator, Breaker Plate
			to Pump Body	34	£	1	Coil Assembly, Fuel Pump
12	#	2	Screw, Binder Head,	35	#	2	Screw, Hex Head, Steel
			Cross-Recessed, Steel				(1/4-20 x 1/2")
			(8-32 x 15/16")	36	#	2	Washer, Lock, Steel (1/4)
13	#	2	Washer, Flat, Fiber (No. 8)	37	£	1	Bracket, Fuel Pump Mounting
14	3	1	Nui, Hex, Acorn,	38	£	1	Case, Fuel Pump Body
			Sheet Metal (No. 8)		149-1396	1	Repair Kit, Bellows
15	£	1	Spring, Helical, Compression		145 1555	•	(Includes Parts Marked 1)
			(Barrel Shaped)				(
16	3	1	Spring, Helical, Compression				
			(Flat Coil)				
17	£	3	Washer, insulating, Nylon				, Not Sold Separately:
			(No. 8)	or Or	der Comple	te Pump fo	r Replacement.
18	†	1	Spring, Helical, Compression				
			(Bellows Pressure)				
19	†	1	Nut, Retaining, Bellows	† - Pa	rts Included	in Bellows	Repair Kit.
20	†	1	Bellows, Fuel Pump	# - C+	anders Nerd	ware Perte	, Procure Locally.
			•	# - Ju			, i recuio bossij.

CONTROL-IGNITION



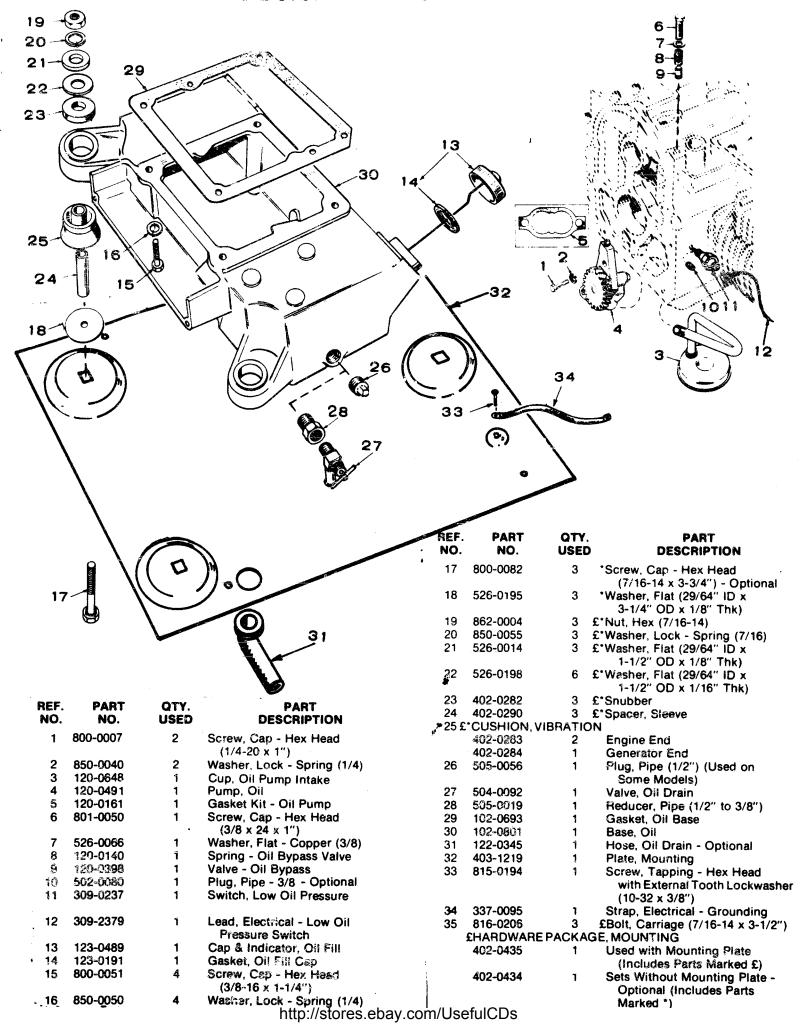
CONTROL-IGNITION

MEF.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PARV DESCRIPTION
1	821-0009	2	Screw, Salf-locking - Hex	27	CONTROL	вох	
			Head (1/4-20 x 3/8")		301-3877	1	Spec A Only
2	RELAY, SOL	.ENOID			301-4038	1	Begin Spec B
	307-3845	1	Spec A Only	28	815-0350	2	Screw, Tapping - Hex Head
	307-1498	1	Begin Spec B				(#10-32 x 3/8")
3	330-0006	1	Cover, Outlet Box	28	856-0003	1	Washer, Lock - External/
4	815-0350	2	Screw, Tapping - Hex Head				Internal Tooth (#10)
			(#10-32 x 3/8")	30	312-0027	1	Capacitor, Ignition (0.5 Mfd)
5	330-0023	1	Box, Outlet	31	166-0588	1	Clamp, Coil
6	508-0191	1	Grommet, Nylon	32	LEAD, ELE	CTRICAL -S	SPARK PLUG (RH)
7	821-0010	3	Screw, Self-locking - Hex		167-1557	1	14-1/2" ig, Spec A Only
		_	Head (1/4-20 x 1/2")		167-1574	1	*17-1/2" lg, Begin Spec B
8	856-0006	3	Washer, Lock - External/	33	LEAD, ELE	CTRICAL-S	SPARK PLUG (LH)
		•	internal Tooth (1/4")		167-1520	1	7-1/2" lg, Spec A Only
9	332-0142	1	Terminal, Lug - Solderless		167-1521	1	*7-1/4" Ig, Begin Spec B
10	338-0958	1	Hamess, Wiring - Remote	34		E. IGNITIO	N COIL TERMINALS
			Control (Optional)		160-0604		† Cap - Spec A Only
11	HARNESS.	WIRING -	REMOTE CONTROL (Optional)		160-0558	2	*Nipple - Segin Spec B
	33 8-0959	1	10 ft. lg	35	COIL, IGNI	TION	
	338-0960	1	30 ft. fg		166-0535	1	Spec A Only
12	815-0388	2	Screw, Tapping - Pan Head		166-0643	1	Begin Spec B
			(#6-32 x 1/2") - Begin Spec B	36	167-0237	2	Spark Plug
13	TERMINAL,	STRIP	, , , , , , , , , , , , , , , , , , , ,	37	508-0179	1	Clamp, Cable - Strain Relief -
	332-1650	1	Spec A Only				Optional
	332-1918	1	Begin Spec B	' 38	358-0072	1	Diode & Heatsink - Spec A
14	308-0383	1	Switch, Push - SPDT		•		Only
15	321-0174	2	Fuse, Cartridge (5 Amp. 32 Volt) - Begin Spec B	39	332-1646	2	Clip, Retaining - Terminal Strip - Spec A Only
16	321-0217	2	Fuseholder - Begin Spec B	40	332-1876	1	Clamp, Cable
17	822-0032	3	Screw, Machine - Pan Head (#6-32 x 1/2") - Begin Spec B	41	321-0194	2	Fuse, Cartridge (9 Amp, 32 Vol*) - Spec A Only
18	853-0003	2	Washer, Lock - External	42	HARNESS.	WIRING-S	SET
		_	Tooth (#6) - Begin Spec B		338-0955	1	Spec A Only, Includes
19	870-0183	2	Nut, Hex with External Tooth			•	Fuseholders •
		_	Lockwasher (#6-32) - Begin		338-0938	11	Begin Spec B
	•		Spec B	43	321-0193	2	Fuseholder (Part of Harness)
20	307-1497	1	Relay, Armature - SPST (8 Amp,			••	- Spec A Only
20	00, 140,	•	12 Volt) - Begin Spec B	44	821-0010	6	Screw, Self-locking - Hex
21	508-0008	1	Grommet, Rubber - Begin Spec B		021 0010	Ŭ	Head (1/4-20 x 3/8")
22	305-0235	1	Diode, Rectifier (500 PIV,	45	BRACKET	MOUNTIN	G-CONTROL
££.	VEU-	•	22 Amp) - Begin Spec B	-70	301-3878	1	Spec A Only
24	853-0013	1	Washer, Lock - External		301-4039	i	Begin Spec B
24	000-0010	1	Tooth (1/4")	46	370-1002	1	Bracket, Angle - Diode
25	000 0004	4	Nut, Hex (1/4-20)	70	370-1002	,	Mounting
25	862-0001	1 4					ounting
26	815-0350	4	Screw, Tapping - Hex Head (#10-32 x 3/8")	• _	Part of Sna	rk Plua Flec	tricall ead
			(# 10-32 X 3/0)	* - Part of Spark Plug Electrical Lead.			

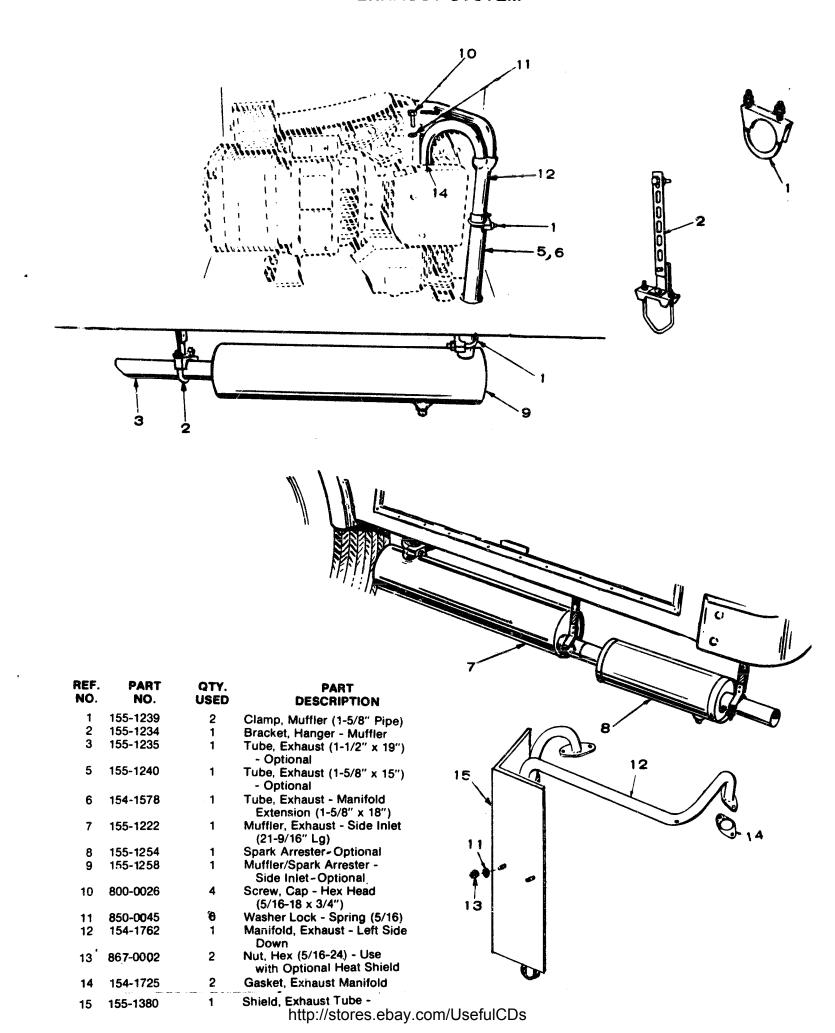


	BREAKER BOX ASS	EMBLY		
3-	RÆF.	PART NO.	QTY. USED	PART DESCRIPTION
4-	1	160-1210	1	Box Assembly, Breaker (Includes Parts Marked *)
	2	812-0108	1	*Screw, Machine - Round Head (#10-24 x 1-1/2")
	3	526-0008	1	*Washer, Flat (13/64" ±D. x 7/16" O.D. x 1/32" Thk)
15	4	160-1232	1	*Cover, Breaker Box (Includes Screw, Washer and Retainer)
5	5	815-0358	1	*Screw, Tapping - Hex Head (#8-32 x 5/16")
6	6	85/0-0025	1	*Washer, Lock - Spring (#8)
	7	312-0196	1	*Capacitor, Ignition - 30 MFD
7	8	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")
9	9	850-0038	2	*Washer, Lock - Spring (1/4)
	10	160-1183	1	*Point Assembly, Breaker
	11	160-121 9	1	*Base, Breaker Box
	2 12	160 -1150	1	*Gasket, Breaker Box
	13	160-1151	1	Plunger, Breaker Point Assy.
	. 14	336-2378	1	Lead, Electrical - Coil to Breaker Points
A >13	http://stores.ebay.com/Us	509-0065 sefulCDs	1	Retainer, Cover Mounting

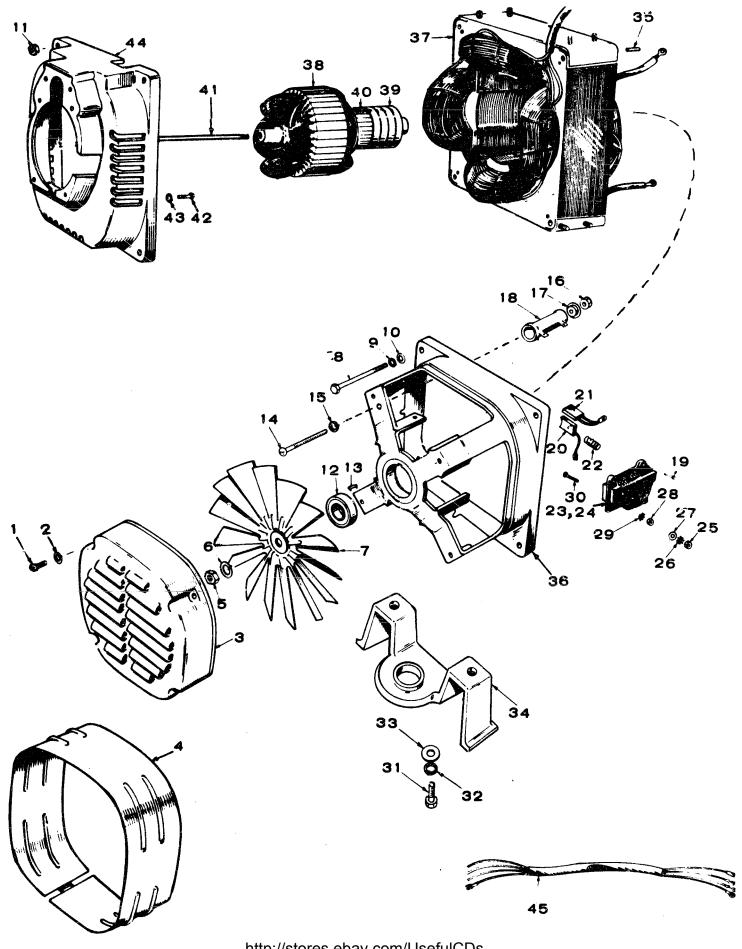
OIL SYSTEM AND MOUNTING PLATE



EXHAUST SYSTEM



GENERATOR



http://stores.ebay.com/UsefulCDs

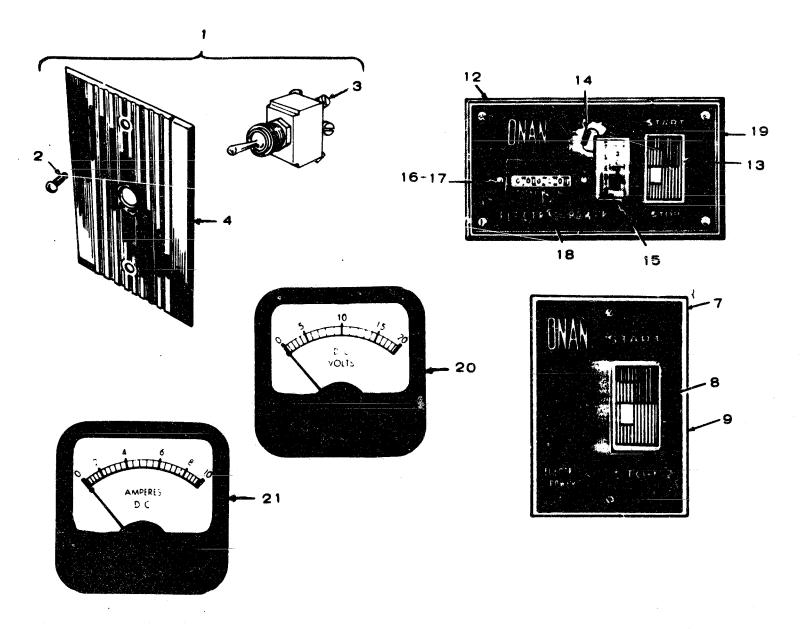
GENERATOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	812-0156	2	Screw, Machine - Round Head	25	871-0010	4	+ Nut, Hex - Brass (#10-32)
			(1/4-20 x 1-1/2")	26	853-0008	4	+ Washer, Lock - External
2	850-0040	2	Washer, Lock - Spring (1/4)	•			Tooth (#10)
3	232-2107	1	Cover, Generator	27	526-0049	4	+ Washer, Flat - Brass (#10)
4	234-0362	1	Wrapper, Generator	28	871-0010	4	+ Nut, Hex - Brass (#10-32)
5	870-0203	1	Nut, Hex (7/16-20)	29	853-0008	4	+ Washer, Lock - External Tooth
6	850-0055	1	Washer, Lock - Spring (7/16)				(#10)
7	205-0090	1	Fan, Generator	30	815-0341	4	+ Screw, Machine - Hex Head.
8	800-0043	4	Screw, Cap - Hex Head				Brass (#10-32 x 1")
			(5/16-18 x 5")	31	800-0051	2	Screw, Cap - Hex Head
9	850-0045	3	Washer, Lock - Spring (5/16)				(3/8-16 x 1-1/4")
10	52 6 -0115	4	Washer, Flat (11/32" I.D. x	32	850-0050	2	Washer, Lock - Spring (3/8)
			11/16" O.D. x 1/16" Thk)	33	526-0030	2	Washer, Flat (13/32" I.D. x
11	862-0015	4	Nut, Hex (5/16-18)				7/8" O.D. x 1/8" Thk)
12	510-0047	1	*Bearing, Ball (Part of	34	232-2619	1	Support, Generator
			Armature Assembly)	35	516-0182	8	Pin, Straight, Headless
13	232-05 9 6	1	Clip, Retaining - Bearing	36	211-0187	1	End Bell, 'Generator
14	812-0092	1	Screw, Machine - Round Head	37	STATOR, GI	ENERAT(OR '!
			(#8-32 x 2-3/4")		220-1818	1	50 Hertz Sets
15	850-0025	1	Washer, Lock - Spring (#8)		220-1820	1	60 Hertz Šets
16	860-0008	1	Nut, Hex (#8-32)	38	ARMATURE	ASSEME	BLY, GENERATOR (Includes Parts
17	304-0014	1	Washer, Centering - Resistor		Marked *)		
18	353-0057	1	Resistor, Wirewound - 3.4-Ohm,		201-2406	1	50 Hertz Sets
			75 \Vatt, 0.2%	•	201-2405	1	60 Hertz Séts
19	815-0359	15	Screw, Tapping - Hex Washer	39	204-0110	1	*Collector Ring, Generator
			Head (#10-32 x 7/8")	40	203-0153	1	*Commutator, Generator
20	214-0095	4	Brush, Commutator	41	520-0732	1	Stud .
21	214-0096	8	Brush, Collector Ring	42	800-0050	4	Screw, Cap - Hex Head
22	212-1232	12	Spring, Brush				(3/8-16 x 1-1/4")
23	212-0359	2	Block - Generator Brush -	43	850-0050	4	Washer, Lock - Spring (3/8)
			Bottom and Right Side	44	231-0164	i	Adapter - Generator to Engine
		_	(Includes Parts Marked +)	45	338-0946	1	Harness, Wiring
24	212-0360	2	Block - Generator Brush -	•			
			Top and Left Side		* - Parts ind	cluded in	Armature Assembly
			(Includes Parts Marked +)		+ - Parte in	ni bebuir	Generator Brush Blocks.
					, a. e. 111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WALLE DIAGIT DIGGITS!

SERVICE KITS AND MISCELLANEOUS

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	168-0123	1	Gasket Kit, Carbon Removal
	168-0124	1	Gasket Kit, Engine
	522-0281	1	Overhaul Kit
•	160-1213	1	Kit, Ignition Tune-up (Top Adjusted Point Set)
	525-0305	1	Touch-up Paint (13 oz. Pressurized Can), Green

REMOTE STARTING CONTROL - OPTIONAL (Used With Three Wire Start Circuits Only)



REF. NO.	PART NO.	QTY. USEO	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	308-0165	1	Control Package - Remote Starting (Includes Parts Marked *)	12	300-0986	1	Control Assembly Remote Starting - Deluxe (Includes Parts Marked £
2	815-0385	2	*Screw, Machine - Round Head, Black Zinc Finish	13	308-0341	1	£Switch, Push - DPDT (Momentary) With Intergal 12 Volt Lamp)
			(#6-32 × 1/2")	14	359-0034	1	£Diode
3	308-0154	1	*Switch, Toggle - SPDT	15	302-0888	1	£Meter, Battery Condition
4	308-0168	. 1	*Plate, Mounting	16	815-0385	2	£Screw, Machine - Round Head.
7	300-0985	, 1	Control Assembly, Remote Starting - Standard (Includes Parts				Black Zinc Finish (#6-32 x 1/2")
			Marked ★)	17	SE CXC	2	£Nut. Hex (#6-32)
8	308-0341	1	★Switch, Push - DPDT (Momentary)	18	307 3485	1	£Meter, Time Totalizing
-			With Intergal 12 Volt Lamp	19	<i>-3</i> 606	1	£Panel, Control
9	301-3566	1	★Panel, Control	20	3 2 0562	1	Voltmeter, DC (0-20)
	22. 0000			21	302-0561	1	Ammeter, DC (0-10)

- * Parts Included in Control Package 308-0165. * Parts Included in Control Assembly 300-0985.
- £ Parts Included in Control Assembly 300-0986.

SPECIAL	. PAR	rs list for model 4	OBF-3CR		<u>16000A</u>	-
	FOF	R STANDARD PARTS REFER "	TO CATALOG_	965-0220	KEY NO	-
•	(PAF	ITS CATALOG ALSO CONTAINS COMP	ONENTS FOR MAJO	OR OPTIONAL FE	EATURES LISTED BELOV	N !
		WIRING D	DIAGRAM NO	(ENG)	611-1123-01	
PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION	
150-0678	1	Clip, Sensitivity Adjustment				
134-3418	1	Guard, Scroll				
336-2379	1	Lead, Low Oil Pressure Switch	:h			

SPECIA	L PAR	TS LIST FOR MODEL	BF-53CR	SPEC _	16000в
	FO	R STANDARD PARTS REFER TO	CATALOG_	965-0220	_ KEY NO
4	(PA	rts catalog also contains compo	NENTS FOR MAJ	OR OPTIONAL FE	ATURES LISTED BELOV
		WIRING DI	AGRAM NO	(ENG)	511-1127-01
PART NO.	OTV.	DESCRIPTION	PART NO.	QTV.	DESCRIPTION
150-0678	,	Clin Completeles Addressment	'	•	
149-1554	1	Clip, Sensitivity Adjustment Line, Fuel - Pump To Carb.			
149-1541	ī	Pump, Fuel			
332-0556	ī	Connector - Fuel Pump Lead			
502-0196	1	Elbow, Fuel Pump Inlet			
134-3418	1	Guard, Scroll			
336-2379	1	Lead, Low Oil Pressure Switch			
3 38- 1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay			
307-1619	1	Relay, Ignition - Includes Fastener			
870-0341	1	Fastener, Ignition Relay			

O' EO'A	FOF	TS LIST FOR MODEL4 R STANDARD PARTS REFER THE CATALOG ALSO CONTAINS COMP	O CATALOG_	965-0220 OR OPTIONAL PE	KEY NO
ART NO.	QTY.		PART NO.	QTY.	DESCRIPTION
50-0678	1	Clip, Sensitivity Adjustment			
49-1554	ī	Line, Fuel - Pump To Carb.			
49-1541	1	Pump, Fuel			
32-0556	1	Connector - Fuel Pump Lead			
02-0196	1	Elbow, Fuel Pump Inlet			
34-3418	1	Guard, Scroll			
336-2379	1	Lead, Low Oil Pressure Switc	h		
338-1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay			
307-1619	1	Relay, Ignition - Includes Fastener			

Fastener, Ignition Relay

870-0341

	(PAI	rts catalog also c on tains c om pon Wiring Dia		OR OPTIONAL FE (ENG) 6		W
PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION	
150-0678	1	Clip, Sensitivity Adjustment				
149-1554	ī	Line, Fuel - Pump To Carb.				
149-1541	1	Pump, Fuel				
332-0556	1	Connector - Fuel Pump Lead				
502 -0196	1	Elbow, Fuel Pump Inlet				
134-3418	1	Guard, Scroll				
336-2379	1	Lead. Low Oil Pressure Switch			•	
201-2413	1	Armature Assembly, Generator				
520-0733	1	Stud, Armature Through				
338-1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay				
307-1619	1	Relay, Ignition - Includes				

Fastener Fastener, lgnition Relay

870-0341

1

	(PAI	rts catalog also contains compon Wiring Dia	ents for maj Gram No		EATURES LISTED BEL 611-1123-01
RT NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
50-0678	1	Clip, Sensitivity Adjustment			
34-3418	ī	Guard, Scroll			
36-2379	ī	Lead, Low Oil Pressure Switch			
arts Not	Furni	shed By Onan			
Mounting		•			
Mountin	_	i de la companya de			

SPECIA	FO	TS LIST FOR MODEL4. R STANDARD PARTS REFER 1 RTS CATALOG ALSO CONTAINS COMP	O CATALOG_		16002B KEY NO
		WIRING D	IAGRAM NO	(ENG)	511-1127-01
PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
				1	
150-0678	1	Clip, Sensitivity Adjustment			
149-1554	1	Line, Fuel - Pump To Carb.			
149-1541	1	Pump, Fuel			
332-0556	1	Connector - Fuel Pump Lead			
502-0196	1	Elbow, Fuel Pump Inlet			
134-3418	1	Guard, Scroll			
336-2379	1	Lead, Low Oil Pressure Switch			
338-1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay			
307-1619	1	Relay, Ignition - Includes Fastener	i .		
870-0341	1	Fastener, Ignition Relay			
Parts Not Mounting Mounting	g Plate				,

SPECIAL	PARTS LIST FOR MODEL 4.08F-3CR	SPEC	16004B	
	FOR STANDARD PARTS REFER TO CATALOG	•		
•	(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR	OPTIONAL FEAT	UMES LISTED	BELOW
	WIRING TIAGRAM NO	/ENC\41		

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		•	•	1	•
150-0678	1	Clip, Sensitivity Adjustment			
149-1554	1	Line, Fuel - Pump To Carb.			
149-1541	1	Pump, Fuel			
332-0556	1	Connector - Fuel Pump Lead			
502-0196	1	Elbow, Fuel Pump Inlet			
134-3418	1	Guard, Scroll			
336-2379	1	Lead, Low Oil Pressure Switch			
154-1866	1	Manifold, Exhaust - Left Side Down			
154-1883	1	Bracket, Exhaust Manifold Heat Shield Mtg - Left			
154-1886	1	Bracket, Exhaust Manifold Heat Shield Mtg - Right			
154-1888	1	Shield, Heat - Exhaust Manifold			
338-1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay			
307-1619	1	Relay, Ignition - Includes Fastener			
870-0341	1	Fastener, Ignition Relay			

SPECIA	L PAR	ITS LIST FOR MODEL4.	OBF-3CR	SPEC	16 856 B		
		R STANDARD PARTS REFER T		965-0220	_ KEY NO		
		RTS CATALOG ALSO CONTAINS COMP	_				
		WIRING D					
PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION		
		1	'	•			
150-0678	1	Clip, Sensitivity Adjustment					
134-3416	1	Guard, Scroll					
336-2379	1	Lead, Low Oil Pressure Switch					
154-1837	1	Tube, Exhaust - Right Hand			•		
154-1838	1	Tube, Exhaust - Left Hand					
140-1344	1	Base, Air Cleaner					
123-1442	1	Tube, Breather (To Crankcase)					
123-1440	1	Connector, Breather Tubes (1" Long)			`		
503-0769	2	Clamp, Hose - Breather Tube Connector					
123-1441	1	Tube, Breather (To Air Cleaner)					
140-1216	1	Cartridge, Air Cleaner	·				
140-1295	1	Cover, Air Cleaner					
865-0020	1	Nut, Wing - Air Cleaner					
503-0189	1	Clamp, Hose - Breather Tube To Crankcase					
155-0484	2	Muffler		•			
502-3065	1	Elbow, Fuel Pump Outlet	•				
149-1417	1	Line, Fuel - Pump To Carb.					
149-1304	1	Pump, Fuel - No Longer	1				
		Available - For Complete					
		Pump Replacement Order					
		149-1553 Fuel Pump Kit					
		(Kit Includes Necessary Elbows)					
301-4129	1	Cover, Control Box					
332-0050	1	Clip, Cable - Control Mounting Bracket					
301-4131	1	Box, Control					
332-0604	ĩ	Block, Terminal - 5 Place					
508-0071	1	Grownet, Rubber - Control Box (7/8" dole)					
508-0109	1	Gromet Rubber - Control					

Box (1" dole)

Fastener Holder, Fuse

Fuse - 10 Amp

308-0345

J38-1026

307-1619

321-0064 321-0146 1

1

1

1

Switch, Toggle - SPDT

Marness, Wiring - Control Box

Relay, Ignition - Includes

SPECIAL	- PAR	ITS LIST FOR MODEL4.0	BF-8R	SPEC _	17389B	
	FO	R STANDARD PARTS REFER T	O CATALOG_	965-0220	KEY NO	
•	(PA	RTS CATALOG ALSO CONTAINS COMP	WENTS FOR MAJ	or optional fi	EATURES LISTED BELOV	V)
	WIRING DIAGRAM NO			O. (ENG)611-1127-04		
ART NO.	Y10	. DESCRIPTION	PART NO.	QTY.	DESCRIPTION	
		•		•	•	
50-0678	1	Clip, Sensitivity Adjustment				
49-1554	1	Line, Fuel - Pump To Carb.				
49-1541	1	Pump, Fuel				
32-0556	1	Connector - Fuel Pump Lead			•	
02-0196	1	Elbow, Fuel Pump Inlet				
34-3418	1	Guard, Scroll	Ĭ			
36-2379	1	Lead, Low Oil Pressure Switch	Į.			
201-2526	1	Armature Assembly, Generator (Also Includes Fan Hub)				
232-2586	1	Hub, Generator Fan				
520-0781	1	Stud, Armature Through				
211-0264	1	End Bell, Generator	-			
205-0116	1	Fan, Generator				
232-2587	1	Cover, Generator Fan				
234-0530	1	Screen, Generator Fan				
338-0947	1	Harness, Wiring - Generator To Control				
338-1132	1	Harness, Wiring - Generator Set - Includes Diode And Relay				

Relay, Ignition - Includes

Fastener Fastener, Ignition Relay

307-1619

870-0341

SPECIAL	PARTS LIST FOR MODEL	4.0 BF-8R	SPEC	20793B	
	FOR STANDARD PARTS		G 965-0220	KEY NO	
•	(PARTS CATALOG ALSO CONT.	AIMS COMPONENTS FOR H	AAJOR OPTIONAL FEA	TURES LISTED BEL	LOW

WIRING DIAGRAM N(), (ENG) 611-1127-04

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-2527	1	Armature Assembly, Wound Extended Shaft (Includes Parts Marked *)	•	•	
510-0047	1	*Bearing, Ball			
204-0110	1	*Collector Ring, Generator			
203-0153	ī	*Commutator, Generator			
338-0947	ī	Harness, Wiring-Generator			
520-0733	ī	Stud, Armature Thru			
516-0196	4	Pin, Dowel-End Bell			
211-0365	1	Bell, End (Includes Dowel Pins)			
212-0361	1	Block, Generator Brush-Top			
212-0345	1	Block, Generator Brush-Right Side			
212-0352	1	Block, Generator Brush-Bottom			
212-0353	1	Block, Generator Brush-Left Side			
		(Note: Above 4 Brush Block Assemblies Include Parts			
		Marked +)			
214-0096	2	+Brush, AC			
214-0095	1	+Brush, DC			
212-1232	3	+Spring, Gen. Brush			
205-0116	1	Fan, Generator			
232-2827	1	Cover, Generator Fan			